

REMOTE CLAMPING MECHANISM VIA VACUUM FEEDTHROUGH

Abstract

A clamping flexure for use in a vacuum employs a spring-loaded shaft that pulls an object being supported against a support piece, including a mechanism, passing through the vacuum vessel, for releasing the spring tension during adjustment, the shaft being sufficiently compliant that restoring force after adjustment is less than a threshold value so that displacement of the shaft does not impress a force on the object being supported that returns it toward its position before adjustment.